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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/068,002	02/08/2002	Johnson Oyama	4009-21	6412
7590 12/13/2005 NIXON & VANDERHYE P.C. 8th Floor 1100 North Glebe Road Arlington, VA 22201			EXAMINER MARCELO, MELVIN C	
			ART UNIT 2662	PAPER NUMBER

DATE MAILED: 12/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/068,002	OYAMA ET AL	
	Examiner	Art Unit	
	Melvin Marcelo	2662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-77 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-14, 16-38 and 40-77 is/are allowed.
- 6) ☒ Claim(s) 15 and 39 is/are rejected.
- 7) ☒ Claim(s) 2, 18, 63 and 71 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

1. Claims 2, 18, 63 and 71 are objected to because of the following informalities: ***

Claim 2, line 4, the semi-colon should be a period at the end of the sentence.

Claim 18, line 1, --to-- should be inserted after "corresponds."

Claim 63, line 1, there is a dangling "in" after "source."

Claim 71, line 1, there is a dangling "a" after "detects."

Appropriate correction is required.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 15 and 39 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 15, line 1, "the restricting" lacks a proper antecedent basis to claim 13 which does not recite any feature associated with 'restricting'. It appears that claim 15 should depend on claim 14 which recites the 'restricting' feature.

Claim 39, lines 1-2, "the pre-established signaling QoS profile is configured the RNC, the SGSN, and the GGSN..." does not make sense grammatically and appears to be a typographical error.

Allowable Subject Matter

4. Claims 1-14, 16-38 and 40-77 are allowed.
5. Claims 15 and 39 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

6. The following is a statement of reasons for the indication of allowable subject matter: the prior art of record such as Krishnarajah et al. (US 2002/0191556 A1), Griggs (US 2002/0122429 A1) and Chen et al. (US 2002/0093979 A1) teach the PDP/bearer setup message with a QoS indicator that requests a particular QoS. In contrast, applicant's invention associates the QoS indicator with a pre-established signaling QoS profile.

Independent Claims

1. A method in an access network coupled to a packet data network, where the access network includes a radio access network coupled to a packet-switched access network which includes an access point coupled to a multimedia system that provides multimedia session services, comprising:

generating a message requesting a bearer between the mobile terminal and the access point that includes a signaling quality of service (QoS) indicator, and

detecting the signaling QoS indicator in the message, and in response, establishing a bearer between the mobile terminal and the access point that supports a pre-established signaling QoS profile.

24. A method in a universal mobile telecommunications system (UMTS)/general packet radio services (GPRS) network, including a radio network controller (RNC), a serving GPRS support node (SGSN), and a gateway GPRS serving node (GGSN), comprising:

generating a PDP context request message requesting a bearer between the mobile terminal and the GGSN, where the PDP context request message includes a signaling quality of service (QoS) indicator, and

detecting the signaling QoS indicator in the PDP context request message, and in response, establishing a bearer between the mobile terminal and the GGSN in accordance with a pre-established signaling QoS profile.

50. A communications system comprising:

a mobile terminal and a remote host configured for communication with a packet data network (PDN);

a radio access network (RAN) node for communicating with the mobile terminal over a radio interface;

a multimedia system node for providing multimedia session services;

a packet-switched access network (PSAN) node coupled to the RAN node, the PDN, and the multimedia system node,

wherein one or more of the nodes is configured to detect a signaling quality of service (QoS) indicator in a bearer request message and to assist in establishing a bearer between the mobile terminal and the PSAN node that supports a pre-established signaling QoS profile.

69. For use in a universal mobile telecommunications system (UMTS)/general packet radio services (GPRS) network that includes a radio network controller (RNC), a serving GPRS support node (SGSN), and a gateway GPRS serving node (GGSN), the GGSN comprising:

means for storing a pre-established signaling QoS profile;

means for receiving a PDP context request message requesting a bearer between the mobile terminal and the GGSN;

means for detecting whether the PDP context request message includes a signaling quality of service (QoS) indicator; and

means for assisting in establishing a bearer between the mobile terminal and the GGSN in accordance with the pre-established signaling QoS profile.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Melvin Marcelo whose telephone number is 571-272-3125. The examiner can normally be reached on Mon-Fri 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571-272-3088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2662

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Melvin Marcelo', is positioned above the printed name.

Melvin Marcelo
Primary Examiner
Art Unit 2662

December 11, 2005